

BEAM POWER AMPLIFIER

MINIATURE TYPE





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PEAK HEATER-CATHODE VOLTAGE: Heater negative with respect to cathode . 200 max. volts Heater positive with respect to cathode . 200 max. volts	
Typical Operation and Characteristics:	
Plate Voltage	s s s s s a a a a a a a a s s s s s s t t
Maximum-Signal Power Output 1.9 watts	٦
VERTICAL DEFLECTION AMPLIFIER	
Triode Connected-Grid No.2 Connected to Plate	
Maximum Ratings, Design-Center Values Except as Noted:	
For operation in a 525-line, 30 frame system	
DC PLATE VOLTAGE	S
Peak	a s
Maximum Circult Values:	
Grid-No.1 Circuit Resistance: For cathode-bias operation 2.2 max. megohms	5
The dc component must not exceed 100 volts. As described in "Standards of Good Engineering Practice for Television Broadcast Stations", Federal Communications Commission.	1
The duration of the voltage pulse must not exceed 7 per cent of one vertical scanning cycle. In a 525-line, 30-frame system, 7 per cent of one vertical scanning cycle is 1.2 milliseconds.	f
o under no circumstances should this absolute value be exceeded. The An adequate blas resistor or other means is required to protect the tubin the absence of excitation.	e